

BREAS

Vivo 2

by Breas

See what's possible in bi-level therapy

The Vivo 2 has a volume targeting VAPS (TgV) algorithm that provides more tidal volume consistency vs other leading devices.* Combining personalized therapy, versatile ventilation modes, and robust monitoring capabilities, Vivo 2 is designed to help meet the evolving needs of long-term respiratory support patients.

Compact

- Lightweight and small footprint
- Integrated humidifier with heated wire circuit
- Suitable for use in hospital and home

Intuitive

- Easy-to-use, straightforward interface design with backlit LCD screen
- Blackout night mode
- Common menu and interface among Breas devices

Adaptable

- Indicated for patients as low as 22 lbs., lowest initial weight vs. comparable devices**
- Multiple modes: CPAP, S and ST
- Extensive therapy data
- Closer monitoring with Breas accessory box

Be more™

* Waugh, J. (2023). Bench study – Performance of three home ventilators for leak compensation (COR-MAR-MAR-007949 Rev. 0). Breas Medical AB.
**Based on specifications published in the Luna 30VT (V1.1 August 1, 2023) and AirCurve 11ST (398195/1 2023-08) product manuals; reviewed Sept 2026.

Breas Vivo 2 technical specifications

Settings / Performance

Ventilation Modes	S, S/T, CPAP
Settings Profiles	One profile
IPAP	4–30 cmH_2O
EPAP	4–20 cmH_2O
Breath Rate / Back-up Rate	0–40 bpm
Inspiratory Time	0.3–3 s
Rise Time	1–9, Auto
Inspiratory Trigger	1–9, Auto
Expiratory Trigger	90%–10%, Auto
Fall Time	10%–90%, Off
Minimum Inspiratory Time	Off, 0.3–3 s
Maximum Inspiratory Time	Off, 0.3–3 s
Target Volume	100-1500mL
Ramp (Up / Down)	Off, 5–60 min
Humidifier Level	1–5
Heated Circuit	Off, 1–5
Patient Circuit	15 mm, 22 mm, custom
O_2 Bleed in (Device)	S, S/T, and CPAP modes: Max 15 l/min. S+TgV and S/T+TgV modes: Max 4 l/min.

Monitoring

Displayed Data	Ppeak, EPAP, Leakage, MVe, Vte, Total Rate I:E, Spont Rate, % Spont, Inspiratory Time, Rise Time, SpO_2, Pulse Rate

Power Supplies

Mains Supply	100–240 V AC
External DC	12–24 V
Xpac Extended-life Backup Battery (optional)	36 hours (IPAP 20 cmH_2O/EPAP 8 cmH_2O, Breath Rate 15 bpm)

Alarms

Alarms	High Pressure, Low Pressure, High Breath Rate, Low Breath Rate, High MV, Low MV, Rebreathing Apnea, Disconnection, High SpO_2, Low SpO_2, High Pulse Rate, Low Pulse Rate, Power Failure

Dimensions

W x H x D	6.54 x 7.27 x 7.87 in
Weight	3.5 lbs
Noise Level (at 10 cmH_2O constant pressure)	Less than 28 dB(A)

Connectivity and Software

Built-in Connectivity	USB
Compatible Software	PC Software, EveryWare Remote Connectivity Solution
Plug-and-Play Accessories	SpO_2, Nurse Call, Remote Alarm, Accessories Box

Other

Humidification	Integrable water chamber
Circuits	Cleanable & disposable leakage circuits with / without heated wires
Confirm Stop	On, Off
Auto Start	On, Off
Auto Home Mode	On, Off
Display Light	Auto, Night, On, Delayed
Compliance/ Therapy Data (on screen) in home and clinical mode	Compliance/Usage Data, AHI, AI, HI, IPAP, EPAP, Leakage, Vte, MVe, Total Rate, % Spont Breaths, Insp Time, I:E



Intended use: The Vivo 2 is intended to provide non-invasive ventilation for patients weighing over 10 kg (22 lbs) who require long-term support or mechanical ventilation for respiratory impairment, with or without obstructive sleep apnea. The Vivo 2 is intended for spontaneously breathing patients.

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